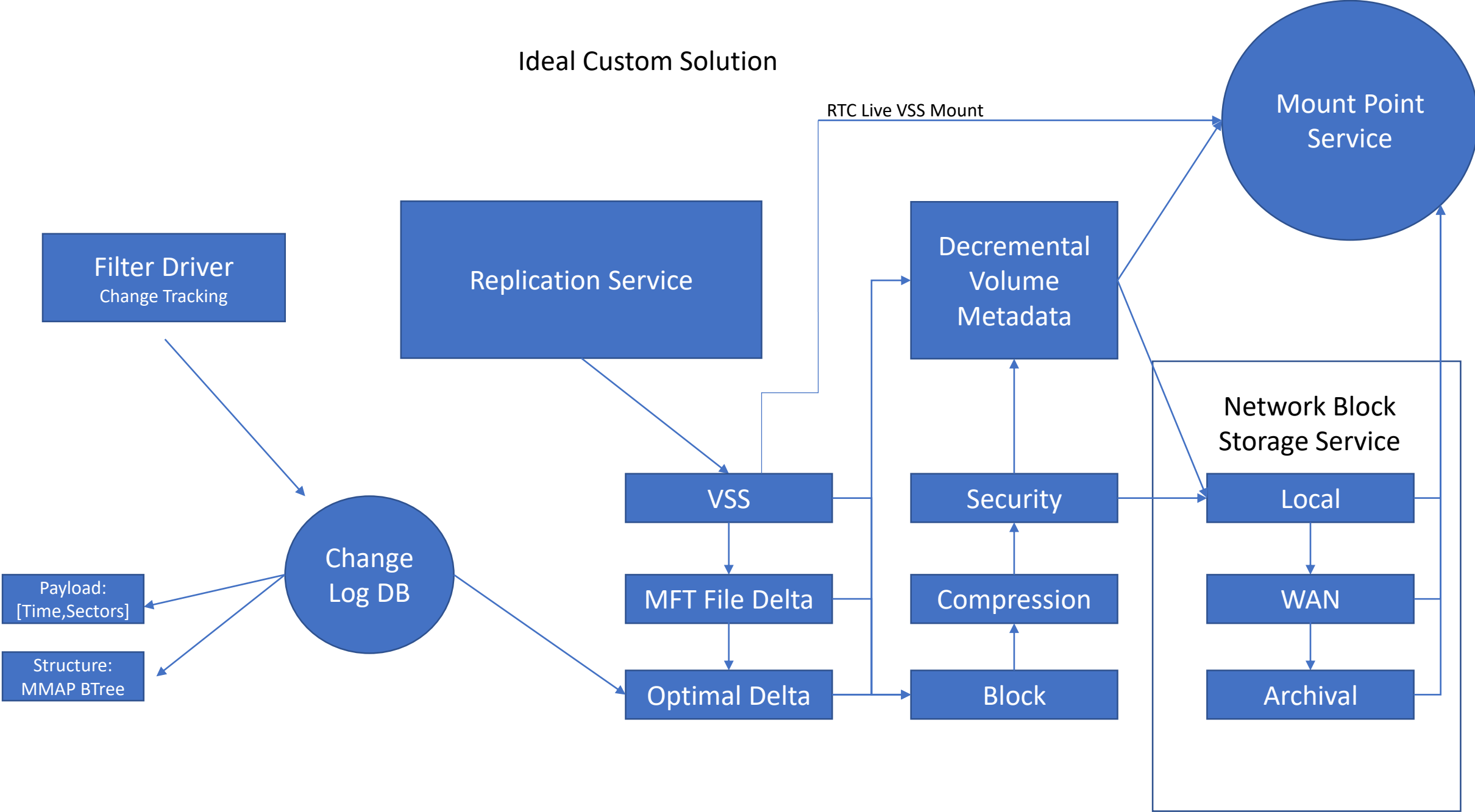


Ideal Custom Solution



How does it Work (1)?

- Filter Driver Maintains a change log of blocks for a device.
- VSS Snapshot gives atomic transactional view of volume.
- Using block change log and file system change log build dual perspective map of optimal delta volume blocks.
- Create a decremental node for point in time.
- Save Blocks and Metadata to storage stack.

How does it Work (2)?

- Bonus: VSS Snapshots can be P2P shared for instant boot anywhere. Reads auto sync into a point in time and storage. Backup as you use.
- Incremental Head Metadata is read.
- Virtual Block object mounted with fuse or iSCSI reads from storage stack as used or with prefetch cache.

Summary

- Can this Work, May Be if developed in stages.
- Work up front to prototype. Working Skeleton in a few months, without filter driver, full storage stack or fuse mount.
- Features added over time.
- The ideal product offering, entire custom transport protocol with bindings to storage providers.
- 100% efficient.